

0995791-06901
T06290" T6256B50

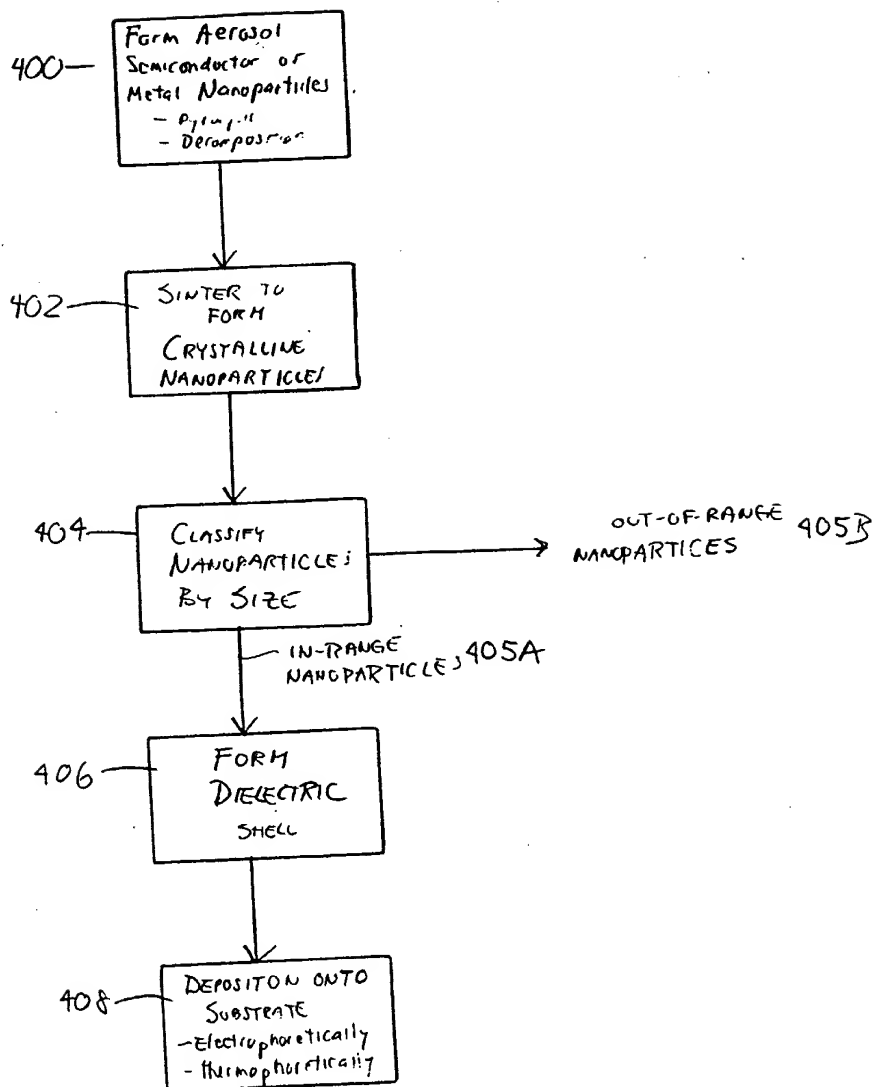


FIGURE 1

09895791.062901

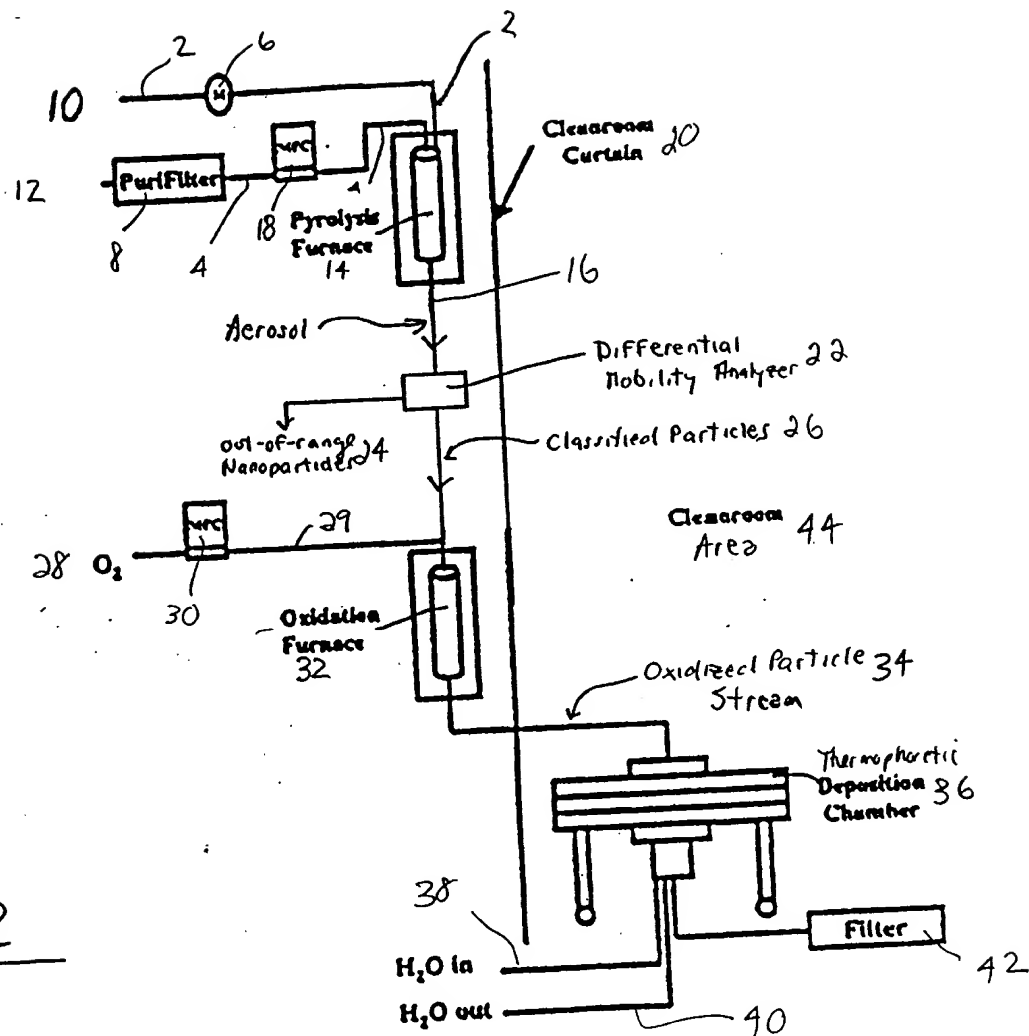


FIGURE 2

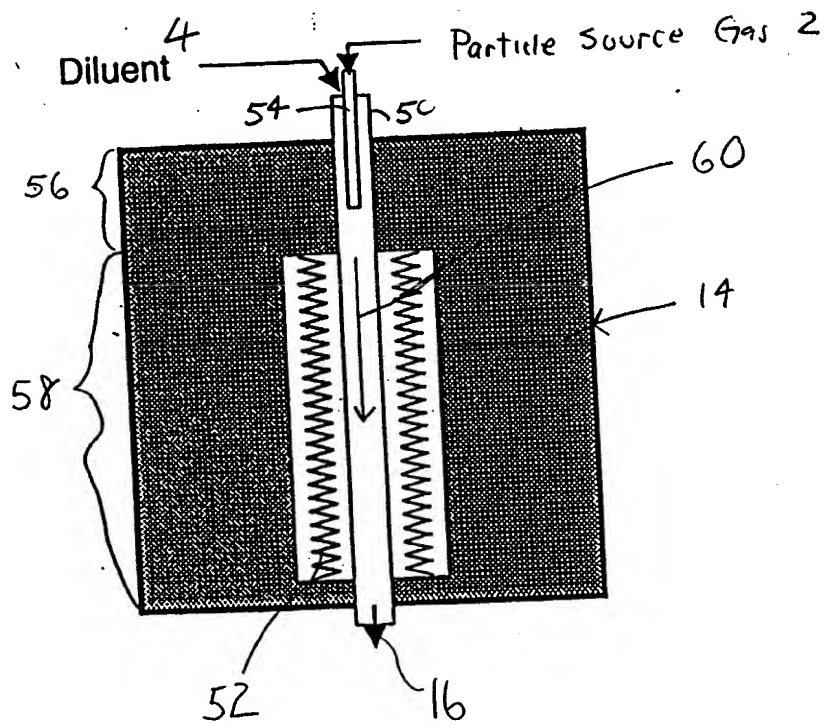


FIGURE 3

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T06290.16256860

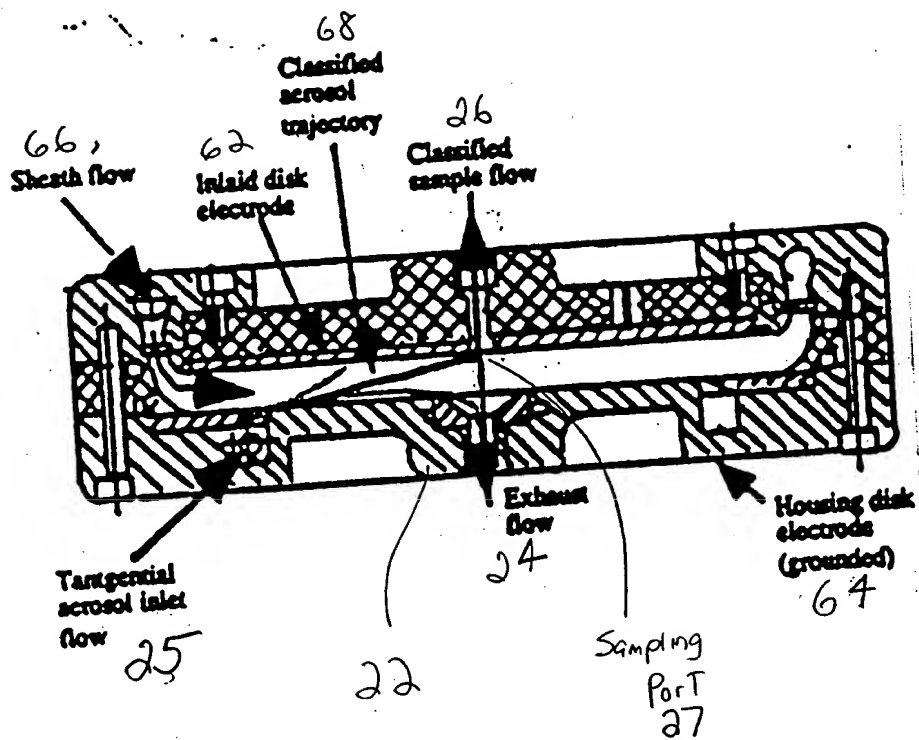


FIGURE 4

09895791-062901
T06290-16256860

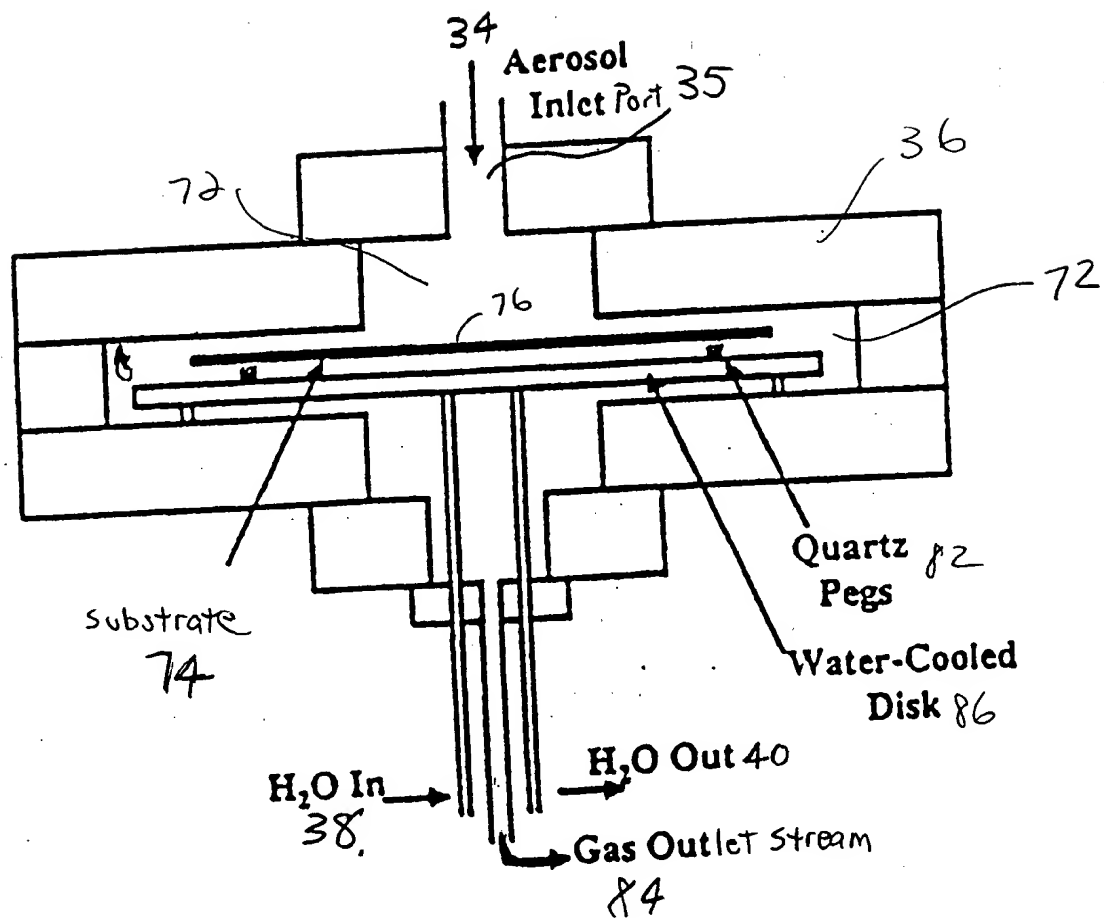


FIGURE 5

FIGURE 6

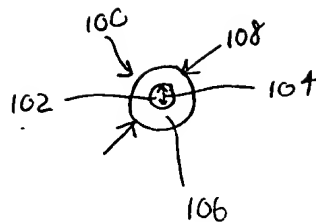


FIGURE 7

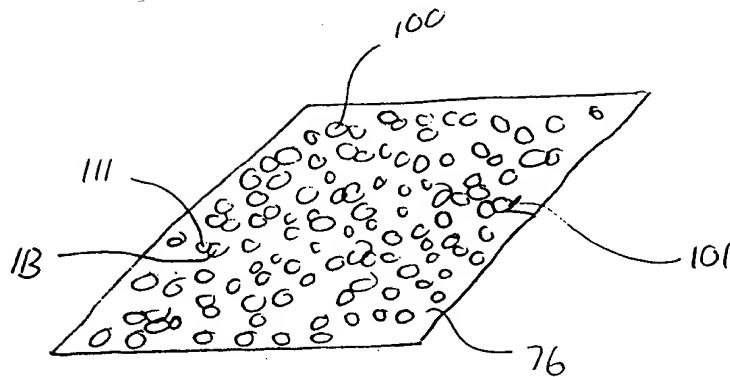


FIGURE 8

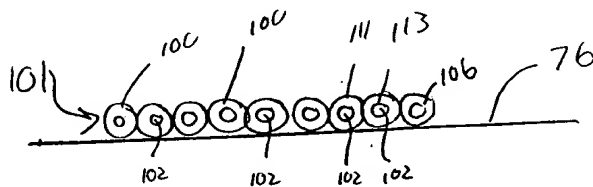
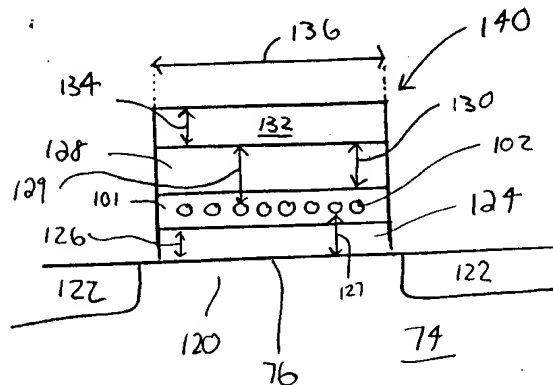


FIGURE 10



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FIGURE 9

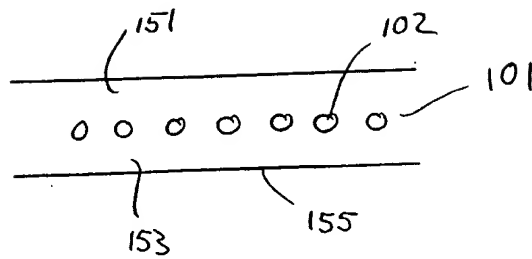
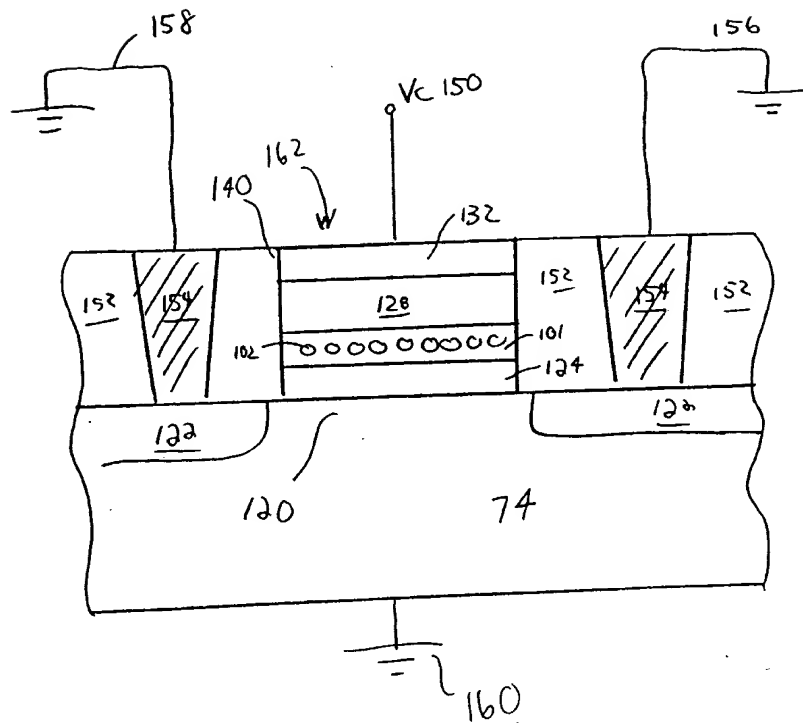


FIGURE 11



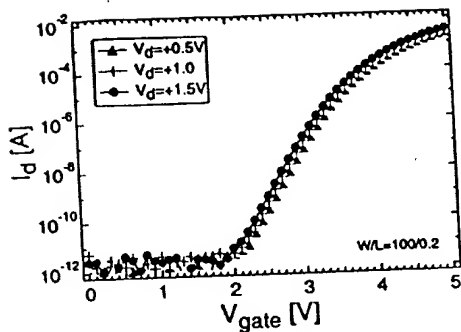


FIG 12.. Subthreshold characteristics of a $0.2\mu\text{m}$ n-type aerosol-nanocrystal floating-gate MOSFET (subthreshold slope = 200mV/dec ; DIBL = 100mV/V).

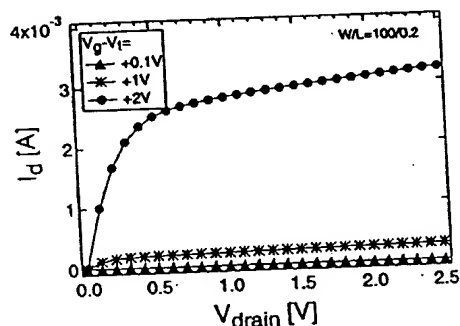


FIG 13 Output characteristics of a $0.2\mu\text{m}$ aerosol-nanocrystal floating-gate MOSFET; drive current = $30\mu\text{A}/\mu\text{m}$.

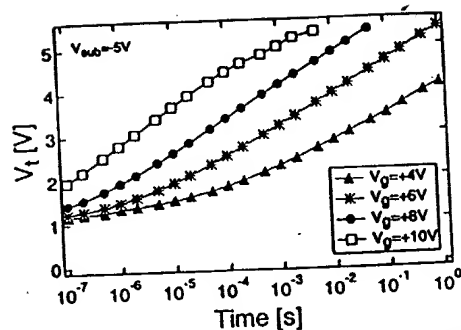


FIG 14: Programming transients (uniform FN tunneling) of the nanocrystal NVM device.

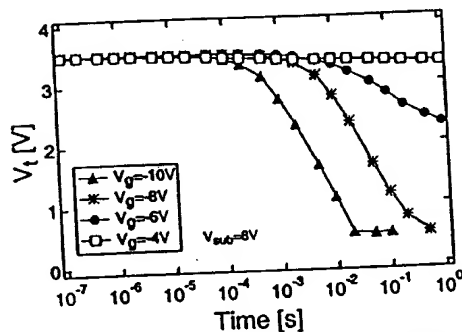


FIG 15 Erase transients (uniform FN tunneling).

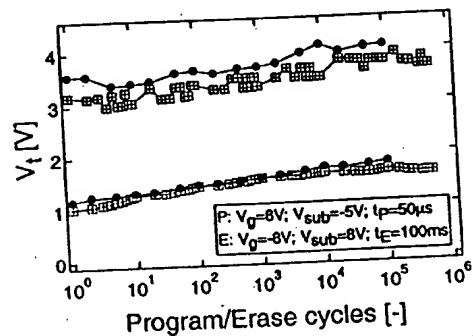


FIG 16 : Endurance characteristic; only limited window closure is observed after 10^5 program/erase cycles.

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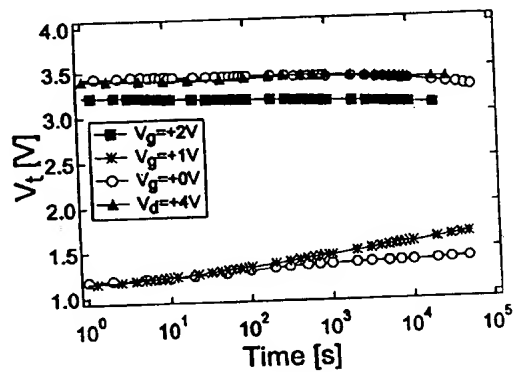


FIGURE 17